

**Proposed Five Year Program
Activities and Cost Estimate (in \$ millions)**

		Estimated Cost (\$Million)					
		FY1998	FY 1999	FY 2000	FY 2001	FY 2002	TOTAL
ECOSYSTEM QUALITY							
Habitat Acquisition and Restoration							
	Acuisition of key properties and habitat restoration in partnership with others for fish and wildlife	47	18	12	8	8	93
	Refuge and Sacramento and San Joaquin meander belt expansion	8	10	11			29
	Develop or purchase wetlands in the Delta	7	12	10	8	8	45
	Delta and tributary levee modifications for the improvement of the environment (relating to habitat restoration and protection associated with Project and non-Project levees)	20	30	30	15	15	110
	Sacramento River habitat improvement	11	12	10			33
	Delta island and levee habitat improvements	8	13	12	10	9	52
	Watershed management for habitat enhancement	2	6	4	10	8	30
	Reconnaissance, feasibility, design, and environmental documentation for habitat restoration and new projects	3	4	6	5	3	21
Fish Screening and Passage							
	Fish ladders and/or removal of barriers to improve fish passage at key locations	6	5	6	2	2	21
	Improve fish screening throughout the Bay-Delta system to reduce fish losses of Delta resident and migratory fish species	10	12	23	26	24	95
	Reconnaissance, feasibility, design, and environmental documentation for fish passage/screening projects	1	2	2	2	2	9
	Program to isolate and/or remove gravel pits and related debris along rivers to improve fish passage	2	4	2	2	2	12
	State cost-share of fish and wildlife restoration measures required by Section 3406 of CVPIA	37	9	11	15	21	93

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Exotic Species Management							
	Improve control of exotic species which threaten the recovery and biodiversity of native species	2	2	2	2	2	10
Monitoring of Ecosystem Health							
	Comprehensive monitoring of Bay-Delta ecosystem health and the effectiveness of restoration activities (Adaptive Management)	3	3	3	3	3	15
WATER QUALITY							
	Conduct watershed management pilot program for water quality improvement	10	10	10	12	13	55
	Real time water quality management	1	1	1	1	1	5
	Pollutant source control to reduce toxics discharge to the ecosystem from point- and non-point sources	11	25	25	15	14	90
	Land conversion and/or other methods to help control water quality from agricultural drainage	5	5	5	10	10	35
	Pilot program for underground detention of agricultural drainage	1	1	1			3
	Construct wetlands wastewater treatment for portions of existing discharges to the Estuary	12	13	10	5	5	45
LEVEE SYSTEM VULNERABILITY							
	Delta levee improvements/habitat restoration and habitat protection	12	13	15	16	17	73

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WATER SUPPLY RELIABILITY							
	Technical planning and support to water districts for water use efficiency measures	1	1	1	1	1	5
	Financial assistance for water use efficiency measures and groundwater recharge	10	10	16	14	10	60
	Low interest loans/grants for water reclamation	7	13	12	12	10	54
	Studies, designs, and environmental documentation for projects to increase water supply reliability and opportunities	3	6	10	16	12	47
	Total	240	240	250	210	200	1140